2411745

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:
Iguchi/Cool Creek Culvert Replacement Project

2. Name of applicant: Mid Puget Sound Fisheries Enhancement Group
3. Address and phone number of applicant and contact person:

7400 Sand Point Way NE, Suite 202N

Seattle, WA 98115

Andrew Pavone, Project Manager

4. Date checklist prepared: 9/7/06
5. Agency requesting checklist: Kitsap County & DNR
6. Proposed timing or schedule (including phasing, if applicable):
Work would be performed in the permitted fish window of 2006 or 2007. Work would take 3 days maximum.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The project has been engineered with fish passage and habitat integrity as the main objective. There has been no other formal prepared information.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

HPA permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The proposal is for culvert replacement on Cool Creek a tributary to Salmonberry Creek. The existing culvert is 36" round and will be replaced with a 11.5' wide pipe arch culvert. In addition to the culvert replacement the road will undergo improvement to escape the threat of wash out which would be detrimental to salmon spawning in Cool Creek.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project location is at 5182 Phillips Rd. SE Port Orchard, WA 98367.
Sub Division-NW(1/4), Section-7, Township-23N, Range-02E

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . . .

b. What is the steepest slope on the site (approximate percent slope)?
The steepest slope of the project is a bioengineered slope of 1:1, @ 45%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Soils are stratified from streambed to road. The soils in the stream floodplain are sand and as you go up in elevation are more compacted gravels and clay.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Yes, currently the roadbed is constructed of tires and graveled soils and has started to show signs of erosion, threatening the road.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Fill will be replaced upon installment of new culvert. There will be approximately 130 yards of new native soils to be brought in for the new road.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

No, but it could be possible to have some slight superficial sedimentation wash with first rain.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

NA

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Bioengineered stabilization will include type of erosion textile material (coconut mat, propex) and rocking the toe of the slope. The bank will also be planted with native species of plants.

2. **Air**

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

No

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
NA

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes. The project will be located in Cool Creek, a salmon-bearing stream that flows into Salmonberry Creek.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. Work will include silt fencing to reduce downstream impact and will include fish and water bypass to dewater the site. Also the project sponsor "Mid-Sound" will enforce BMP during project implementation.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

230yards of material will be excavated. Approximately 115 yards of material will be hauled offsite and disposed of at landfill, due to tires and other debris currently used as roadbed. Approximately 130 yards of new material will be replaced to rebuild road.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

There will be a bypass used to dewater the site. (see attached plans)

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. NA

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.
NA

2) Could waste materials enter ground or surface waters? If so, generally describe.
BMP, will be implemented to ensure no waste material enters project site.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:
NA

4. Plants

a. Check or circle types of vegetation found on the site:

x deciduous tree: alder, maple, aspen, other
x evergreen tree: fir, cedar, pine, other
x shrubs
____ grass
____ pasture
____ crop or grain
x wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____ water plants: water lily, eelgrass, milfoil, other
____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?
Only two deciduous trees (*alnus rubra*)will be removed for installment of the culvert. All plants harmed during excavation will be replaced and salvaged by Mid Sound.

c. List threatened or endangered species known to be on or near the site.
NA

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
The bank will inherit Salix species and surrounding areas will be enhanced post project with salvaged plants from site location taken before construction.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

NA

c. Is the site part of a migration route? If so, explain.

Yes, Salmon migrate up Cool Creek to spawn. The project addresses the need to remove a fish barrier culvert to allow easier migration for Coho salmon and cutthroat trout.

d. Proposed measures to preserve or enhance wildlife, if any:

The habitat will be intact by replacing the culvert. 11.5' round culvert will allow natural flows to occur within the culvert as well as allowing the channel to meander with in the culvert. This project will protect the surrounding habitat from a possible disaster should the road blow out due to excessive erosion. The culvert currently is 36" round and is a barrier due to high velocity flows at high flow periods.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

NA

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

NA

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

1) Describe special emergency services that might be required.

There will need to be coordination with the county in providing access to Phillips Road SE resident during construction. Currently there is only one-way in and would need to provide access at upper end of driveway. There is an already existing development above this driveway that is cut off by Kitsap county owned land, which is temporarily bermed. Contractor

could remove that berm with approval from county. Notification will need to be made to emergency personnel during that time.

2) Proposed measures to reduce or control environmental health hazards, if any:

Best Management Practices(BMP)

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

NA

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Work would be performed during the hours of 8-5 Monday –Frida

3) Proposed measures to reduce or control noise impacts, if any:

NA

8. Land and shoreline use

a.What is the current use of the site and adjacent properties?

Rural development/Forest land. Currently the road provides access to 7 private homeowners.

b. Has the site been used for agriculture? If so, describe.

No

c. Describe any structures on the site.

Road and Culvert

d. Will any structures be demolished? If so, what?

NA

e. What is the current zoning classification of the site?

R-5

f. What is the current comprehensive plan designation of the site?

Small forest landownership, rural development.

g. If applicable, what is the current shoreline master program designation of the site?

NA

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

NA

j. Approximately how many people would the completed project displace?

NA

k. Proposed measures to avoid or reduce displacement impacts, if any:

NA

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

We are working with landowner, DNR and the county. The project will be permitted and is granted under the Family Forest Fish Passage Program

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

NA

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

NA

c. Proposed measures to reduce or control housing impacts, if any:

NA

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

NA

b. What views in the immediate vicinity would be altered or obstructed?

NA

c. Proposed measures to reduce or control aesthetic impacts, if any:

NA

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

NA

b. Could light or glare from the finished project be a safety hazard or interfere with views?

NA

c. What existing off-site sources of light or glare may affect your proposal?

NA

d. Proposed measures to reduce or control light and glare impacts, if any:

NA

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

NA

b. Would the proposed project displace any existing recreational uses? If so, describe.

NO

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

NA

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

NO

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

NA

c. Proposed measures to reduce or control impacts, if any:

NA

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Phillips Rd SE

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

c. How many parking spaces would the completed project have? How many would the project eliminate?

NA

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

NA

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

NA

g. Proposed measures to reduce or control transportation impacts, if any:

NA

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

SEE NEXT PAGE

b. Proposed measures to reduce or control direct impacts on public services, if any.

NA

16. **Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

Electric, cable, telephone

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

NA

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: .....

Date Submitted: .....

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

NA

g. Proposed measures to reduce or control transportation impacts, if any:

NA

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

b. Proposed measures to reduce or control direct impacts on public services, if any.

NA

16. **Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

Electric, cable, telephone

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

NA

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Andrew D. Powers

Date Submitted: 9/11/06